

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

MENGELING et al.

Serial No. :

Filed:

PORCINE REPRODUCTIVE AND RESPI-  
RATORY SYNDROME VACCINE BASED  
ON ISOLATE JA-142

Docket No. 27093B-CNT1

Group Art Unit No.

Examiner:

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Commissioner of Patents  
Alexandra, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

The attached references are being filed to fulfill the duty of candor and good faith toward the  
Patent and Trademark Office, as required by 37 C.F.R. §1.56.

Respectfully submitted,

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By



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FORM PTO-1449 (Rev. 2-32)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. 27093B-CNT1	SERIAL NO.
	APPLICANT: MENGELING et al.	
	FILING DATE: September 3, 2003	GROUP:

## U.S. PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	5	5	4	1	5	9	11/85	Roizman et al.			
		5	4	7	6	7	7	8	12/98	Chladek et al.			
		5	8	4	0	5	6	3	11/98	Chladek et al.			
		5	6	4	6	8	0	5	12/98	Collins et al.			
		5	5	1	0	2	5	6	4/96	Sanderson et al.			
		5	5	8	7	1	6	4	12/96	Sanderson et al.			
		5	6	9	8	2	0	3	12/97	Visser et al.			
		5	9	2	5	3	5	9	7/99	Woensel et al.			
		6	0	4	2	8	3	0	3/00	Chladek et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		5	3	9	3	7	6	0	3/4/93	WIPO			YES	NO
			5	9	5	4	3	6	5/4/94	EPO				
		9	4	1	8	3	1	1	8/94	WIPO				
		0	6	7	6	4	6	7	4/95	EP				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Andreyev, et al.; Genetic variation and phylogenetic relationships of 22 porcine reproductive and respiratory syndrome virus (PRRSV) field strains based on sequence analysis of open reading frame 5; Arch Virol (1997) 142: 993-1001
		Flint et al; Virus Cultivation, Detection, and Genetics; Arch Virol (2000) Chapter 2 40-42
		Gong et al.; Characterization of RNA Synthesis during a one-step growth curve and of the replication mechanism of bovine viral diarrhoea virus; Journal of General Virology (1996) 77 2729-2736
		Horsfall et al.; General Principles of Animal Virus Multiplication; Viral and Rickettsial Infections of Man (1965) 239-241
		Mengeling et al.; An update of research at the National Animal Disease Center on current field strains of Porcine Reproductive and Respiratory Syndrome (PRRS) virus; 1997 Allen D. Leman Swine Conference; 138-145
		Nuttall; Growth Characteristics of Two Strains of Bovine Virus Diarrhoea Virus; Arch Virol (1980) 66 365-369
		Wesley et al.; Differentiation of Vaccine (Strain RespPRRS®) and Field Strains of Porcine Reproductive and Respiratory Syndrome Virus by Restriction Enzyme Analysis; American Association of Swine Practitioners (1996) 141-143
		For purification of viral RNA from Plasma, Serum, Cell-free body fluids, Cell-culture supernatants; QIAamp® Viral RNA Mini Kit Handbook; QIAGEN (1999) Cat # 52906 1-35
		ENZO BIOCHEM INC. v GEN-PROBE INCORPORATED ET AL; No. 01-01230; Decided July 15, 2002

EXAMINER: Initial if citation considered, whether not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.